

## EAST Search History

| Ref # | Hits  | Search Query   | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|-----------------|------------------|---------|------------------|
| S1    | 1     | ("20050102702").PN.  | US-PGPUB; USPAT | OR               | OFF     | 2006/11/17 07:31 |
| S2    | 82    | (725/2).CCLS.  | US-PGPUB; USPAT | OR               | OFF     | 2006/11/16 18:22 |
| S5    | 394   | (725/31).CCLS.   | US-PGPUB; USPAT | OR               | OFF     | 2006/11/16 18:17 |
| S7    | 990   | (725/131).CCLS.  | US-PGPUB; USPAT | OR               | OFF     | 2006/11/16 18:17 |
| S8    | 233   | (725/132).CCLS.  | US-PGPUB; USPAT | OR               | OFF     | 2006/11/16 18:17 |
| S9    | 46    | CableCard  | US-PGPUB; USPAT | OR               | ON      | 2006/11/17 17:48 |
| S10   | 230   | (CableCard "point of deployment" pod "digital video broadcasting common interface" dvb\$1ci) and (pid "packet identifiers")                          | US-PGPUB; USPAT | OR               | ON      | 2006/11/17 09:23 |
| S11   | 23    | S10 and re\$1map\$4  | US-PGPUB; USPAT | OR               | ON      | 2006/11/16 18:46 |
| S12   | 1     | ("5247575").PN.  | US-PGPUB; USPAT | OR               | OFF     | 2006/11/17 07:34 |
| S16   | 1     | ("5420866").PN.  | US-PGPUB; USPAT | OR               | OFF     | 2006/11/17 07:38 |
| S17   | 2     | ((("20020129243") or ("20020150239"))).PN.   | US-PGPUB; USPAT | OR               | OFF     | 2006/11/17 07:38 |
| S18   | 1     | ("5420866").PN.  | US-PGPUB; USPAT | OR               | OFF     | 2006/11/17 07:41 |
| S21   | 484   | (725/25).CCLS.   | US-PGPUB; USPAT | OR               | OFF     | 2006/11/17 09:05 |
| S22   | 18072 | cablecard "point of deployment" pod "digital video broadcasting common interface" dvb\$1ci   | US-PGPUB; USPAT | OR               | ON      | 2006/11/17 09:11 |
| S23   | 10    | S21 and S22  | US-PGPUB; USPAT | OR               | ON      | 2006/11/17 09:07 |
| S25   | 131   | (725/30).CCLS.   | US-PGPUB; USPAT | OR               | OFF     | 2006/11/17 09:23 |
| S26   | 274   | (CableCard "cable card" "point of deployment" pod "digital video broadcasting common interface" dvb\$1ci) and (pid "packet identifiers" "packet id") | US-PGPUB; USPAT | OR               | ON      | 2006/11/17 09:28 |
| S27   | 174   | S26 and (re\$1map\$4 map\$4)   | US-PGPUB; USPAT | OR               | ON      | 2006/11/17 10:00 |

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|     |       |  |                 |    |     |                  |
|-----|-------|--|-----------------|----|-----|------------------|
| S28 | 20    | (CableCard "cable card" "point of deployment" pod "digital video broadcasting common interface" dvb\$1ci) and ((pid "packet identifiers" "packet id") with (re\$1map\$4 map\$4))                   | US-PGPUB; USPAT | OR | ON  | 2006/11/17 16:37 |
| S30 | 28    | (CableCard "cable card" "point of deployment" pod "digital video broadcasting common interface" dvb\$1ci) and ((pid "packet identifiers" "packet id") with ((re\$1map\$4 map\$4) de\$1scrambl\$4)) | US-PGPUB; USPAT | OR | ON  | 2006/11/17 09:33 |
| S33 | 8099  | (pid "packet id" "packet identifier") and (remap\$4 re\$1map\$4 map\$)   | US-PGPUB; USPAT | OR | ON  | 2006/11/17 10:29 |
| S35 | 409   | (pid "packet id" "packet identifier") near (remap\$4 re\$1map\$4 map\$)  | US-PGPUB; USPAT | OR | ON  | 2006/11/17 10:33 |
| S36 | 6     | S35 and (CableCard "cable card" "point of deployment" pod "digital video broadcasting common interface" dvb\$1ci)  | US-PGPUB; USPAT | OR | ON  | 2006/11/17 13:28 |
| S37 | 35544 | cablecard "point of deployment" pod "digital video broadcasting common interface" dvb\$1ci "removable security module" PCMCIA "Personal Computer Memory Card International Association".           | US-PGPUB; USPAT | OR | ON  | 2006/11/17 17:07 |
| S38 | 12988 | ("380").CLAS.  | US-PGPUB; USPAT | OR | OFF | 2006/11/17 13:44 |
| S39 | 495   | S38 and S37  | US-PGPUB; USPAT | OR | ON  | 2006/11/17 13:46 |
| S40 | 23152 | (pid "packet id" "packet identifier")  | US-PGPUB; USPAT | OR | ON  | 2006/11/21 08:14 |
| S41 | 40    | S39 and S40  | US-PGPUB; USPAT | OR | ON  | 2006/11/17 13:48 |
| S42 | 551   | S37 and S40  | US-PGPUB; USPAT | OR | ON  | 2006/11/17 16:57 |
| S43 | 179   | S40 with (remap\$4 re\$1map\$4)  | US-PGPUB; USPAT | OR | ON  | 2006/11/17 16:49 |
| S44 | 5     | S43 and S37  | US-PGPUB; USPAT | OR | ON  | 2006/11/17 14:18 |
| S45 | 270   | ("5247575").URPN.  | USPAT           | OR | ON  | 2006/11/17 14:25 |
| S46 | 1     | ("20040139337").PN.  | US-PGPUB; USPAT | OR | OFF | 2006/11/17 15:21 |
| S47 | 1     | ("20020196939").PN.  | US-PGPUB; USPAT | OR | OFF | 2006/11/17 15:26 |

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|     |       |  |                    |    |     |                  |
|-----|-------|--|--------------------|----|-----|------------------|
| S48 | 11    | clearplay  | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/17 15:33 |
| S49 | 548   | (725/100).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/11/17 16:03 |
| S50 | 5     | S43 and S37  | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/17 16:57 |
| S51 | 55927 | cablecard "point of deployment"<br>pod "digital video broadcasting<br>common interface" dvb\$1ci<br>"removable security module"<br>PCMCIA "Personal Computer<br>Memory Card International<br>Association" "smart card" | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/17 17:08 |
| S52 | 26    | S43 and S51  | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/17 17:08 |
| S53 | 46    | CableCard  | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/17 17:49 |
| S54 | 17    | S53 and (pid "packet id" "packet<br>identifier")   | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/17 17:49 |
| S56 | 23181 | (pid "packet id" "packet identifier")  | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/21 08:14 |
| S57 | 272   | S55 and S56  | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/21 08:14 |
| S58 | 8     | (pid near remap\$4) and (encrypt\$3<br>or decrypt\$3) and opencable  | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/22 09:23 |
| S59 | 1376  | (pid "packet id" "packet identifier")<br>with (remap\$4 re\$1map\$4 map\$)   | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/29 10:29 |
| S60 | 26    | S59 and opencable  | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/22 09:25 |
| S61 | 1     | ("20040019913").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/11/22 09:35 |
| S62 | 1     | ("20040240668").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/11/22 09:37 |
| S63 | 180   | (pid "packet id" "packet identifier")<br>with (remap\$4 re\$1map\$4)   | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/22 10:11 |
| S64 | 1     | ("20060015750").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/11/22 10:25 |
| S65 | 149   | opencable  | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/22 10:27 |
| S66 | 8     | opencable and (pid near<br>re\$1map\$4)  | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/29 16:43 |
| S67 | 0     | re\$1map\$4 near (PID "packet<br>identifier" "packet id") near<br>encrypt\$3 near packet\$1  | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/28 11:28 |

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|     |     |  |                 |    |     |                  |
|-----|-----|--|-----------------|----|-----|------------------|
| S68 | 1   | re\$1map\$4 near (PID "packet identifier" "packet id") near encrypt\$3   | US-PGPUB; USPAT | OR | ON  | 2006/11/28 11:45 |
| S69 | 1   | (re\$1map\$4 remap remapped remapping) near (PID "packet identifier" "packet id") near encrypt\$3                | US-PGPUB; USPAT | OR | ON  | 2006/11/28 11:46 |
| S70 | 163 | (re\$1map\$4 remap remapped remapping) near (PID "packet identifier" "packet id")                                | US-PGPUB; USPAT | OR | ON  | 2006/11/28 15:22 |
| S71 | 33  | ((re\$1map\$4 remap remapped remapping) near (PID "packet identifier" "packet id")) with encrypt\$3              | US-PGPUB; USPAT | OR | ON  | 2006/11/28 15:54 |
| S72 | 1   | ("7127619").PN.  | US-PGPUB; USPAT | OR | OFF | 2006/11/28 15:25 |
| S73 | 1   | ("20020129243").PN.  | US-PGPUB; USPAT | OR | OFF | 2006/11/28 15:45 |
| S74 | 4   | (re\$1map\$4 remap remapped remapping) near (insertion)  | US-PGPUB; USPAT | OR | ON  | 2006/11/28 15:53 |
| S75 | 37  | (re\$1map\$4 remap remapped remapping) with (insertion)  | US-PGPUB; USPAT | OR | ON  | 2006/11/28 15:53 |
| S76 | 43  | ((re\$1map\$4 remap remapped remapping) near (PID "packet identifier" "packet id")) with insert\$4               | US-PGPUB; USPAT | OR | ON  | 2006/11/28 15:56 |
| S77 | 32  | ((re\$1map\$4 remap remapped remapping) near (PID "packet identifier" "packet id")) with (insert\$4 near packet) | US-PGPUB; USPAT | OR | ON  | 2006/11/28 16:06 |
| S78 | 163 | ((re\$1map\$4 remap remapped remapping) near (PID "packet identifier" "packet id"))                              | US-PGPUB; USPAT | OR | ON  | 2006/11/28 17:18 |
| S79 | 1   | ("20020196939").PN.  | US-PGPUB; USPAT | OR | OFF | 2006/11/28 16:53 |
| S80 | 72  | (PID "packet identifier" "packet id") and (content near manipulat\$3)  | US-PGPUB; USPAT | OR | ON  | 2006/11/28 17:35 |
| S81 | 72  | (PID "packet identifier" "packet id") and (content near (manipulat\$3 substitution))                             | US-PGPUB; USPAT | OR | ON  | 2006/11/28 17:36 |
| S83 | 9   | (PID "packet identifier" "packet id") and (content near substitution)  | US-PGPUB; USPAT | OR | ON  | 2006/11/28 17:36 |
| S85 | 24  | (pid "packet id" "packet identifier") with (remap\$4 re\$1map\$4 map\$) and (commercial near insert\$3)          | US-PGPUB; USPAT | OR | ON  | 2006/11/29 10:34 |

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|      |      |  |                 |    |     |                  |
|------|------|--|-----------------|----|-----|------------------|
| S86  | 166  | (pid "packet id" "packet identifier") with (remap\$4 re\$1map\$4 map\$) and (splic\$3)               | US-PGPUB; USPAT | OR | ON  | 2006/11/29 10:43 |
| S87  | 5    | (pid "packet id" "packet identifier") with (remap\$4 re\$1map\$4 map\$) near many                    | US-PGPUB; USPAT | OR | ON  | 2006/11/29 10:44 |
| S88  | 19   | (pid "packet id" "packet identifier") with (remap\$4 re\$1map\$4 map\$) with many                    | US-PGPUB; USPAT | OR | ON  | 2006/11/29 10:46 |
| S89  | 70   | (pid "packet id" "packet identifier") with (remap\$4 re\$1map\$4 map\$) with multiple                | US-PGPUB; USPAT | OR | ON  | 2006/11/29 10:54 |
| S90  | 52   | (pid "packet id" "packet identifier") with (remap\$4 re\$1map\$4 map\$) with switch\$3               | US-PGPUB; USPAT | OR | ON  | 2006/11/29 10:54 |
| S91  | 53   | (pid "packet id" "packet identifier") with (remap\$4 re\$1map\$4 map\$) with (switch\$3 swap\$4)     | US-PGPUB; USPAT | OR | ON  | 2006/11/29 11:17 |
| S92  | 1    | (pid "packet id" "packet identifier") with (remap\$4 re\$1map\$4 map\$) with (re\$1encrypt\$3)       | US-PGPUB; USPAT | OR | ON  | 2006/11/29 11:18 |
| S93  | 46   | (pid "packet id" "packet identifier") with (remap\$4 re\$1map\$4 map\$) and (re\$1encrypt\$3)        | US-PGPUB; USPAT | OR | ON  | 2006/11/29 11:18 |
| S94  | 3    | opencable and (select\$3 near encrypt\$4)  | US-PGPUB; USPAT | OR | ON  | 2006/11/29 16:44 |
| S95  | 2    | opencable and ((selective partial) near encrypt\$4)  | US-PGPUB; USPAT | OR | ON  | 2006/11/29 16:46 |
| S96  | 430  | ((selective partial) near encrypt\$4)  | US-PGPUB; USPAT | OR | ON  | 2006/11/29 16:58 |
| S97  | 49   | ((selective partial) near encrypt\$4) and (stb or "settop box")                                      | US-PGPUB; USPAT | OR | ON  | 2006/11/29 17:01 |
| S98  | 1    | ("20030021412").PN.  | US-PGPUB; USPAT | OR | OFF | 2006/11/29 17:01 |
| S99  | 1386 | (pid "packet id" "packet identifier") with (remap\$4 re\$1map\$4 map\$)                              | US-PGPUB; USPAT | OR | ON  | 2006/11/30 09:21 |
| S100 | 1169 | S99 and (many multiple)  | US-PGPUB; USPAT | OR | ON  | 2006/11/30 09:09 |
| S101 | 84   | S99 with (many multiple)   | US-PGPUB; USPAT | OR | ON  | 2006/11/30 09:09 |
| S103 | 8    | (pid "packet id" "packet identifier") with (remap\$4 re\$1map\$4 map\$) and ("content substitution") | US-PGPUB; USPAT | OR | ON  | 2006/11/30 09:24 |

## EAST Search History

|          |    |  |                    |    |     |                  |
|----------|----|--|--------------------|----|-----|------------------|
| S10<br>4 | 25 | (pid "packet id" "packet identifier") with (remap\$4 re\$1map\$4 map\$) and ("content substitution" "content replacement")   | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/30 09:26 |
| S10<br>5 | 25 | ((pid "packet id" "packet identifier") with (remap\$4 re\$1map\$4 map\$)) and ("content substitution" "content replacement") | US-PGPUB;<br>USPAT | OR | ON  | 2006/11/30 09:26 |
| S10<br>6 | 1  | ("20030059047").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/11/30 10:46 |
| S10<br>7 | 0  | ("7146007").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/11/30 10:50 |
| S10<br>8 | 0  | ("7146007").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/11/30 10:51 |